

INTERNATIONAL SEARCH REPORT

Intern al Application No
PCT/GB2004/005033

A. CLASSIFICATION OF SUBJECT WIAUER
I PC 7 C12Q1/68

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C12Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal , BIOSIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	KUROIWA Y ET AL: "MANIPULATION OF HUMAN MINICHROMOSOMES TO CARRY GREATER THAN MEGABASE-SIZED CHROMOSOME INSERTS" NATURE BIOTECHNOLOGY, NATURE PUBLISHING, US ₅ vol. 18, October 2000 (2000-10), pages 1086-1090, XP002949330 ISSN: 1087-0156 the whole document ----- -/-	1-6, 8, 9, 11

☒ Further documents are listed in the continuation of box C.

☐ Patent family members are listed in annex.

° Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention.
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

6 September 2005

Date of mailing of the international search report

28 OCTOBER 2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL- 2280 HV Rijswijk
Tel (+31-70) 340-2040, Tx. 31651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Seranski , P

INTERNATIONAL SEARCH REPORT

Intern al Application No
PCT/GB2004/005033

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category "	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>KUROIWA Y ET AL: "Effi cient modificati on of a human chromosome by tel omere-di rected truncati on in high homologous recomb i nation-profi cient chi cken DT40 cel ls"</p> <p>NUCLEIC ACIDS RESEARCH , OXFORD UNIVERSITY PRESS, SURREY, GB , vol. 26, no. 14, 15 July 1998 (1998-07-15), pages 3447-3448, XP002976594 ISSN: 0305-1048 the whole document</p>	1-6,8,9, 11
X	<p>SONODA EI ICHI RO ET AL: "Rad51-defi cient vertebrate cel ls accumul ate chromosomal breaks pri or to cel l death"</p> <p>EMBO (EUROPEAN MOLECULAR BIOLOGY ORGANIZATION) JOURNAL, vol. 17, no. 2, 15 January 1998 (1998-01-15), pages 598-608, XP002343606 ISSN: 0261-4189 the whole document</p>	1-5,8-11
A	<p>WINDING P ET AL: "The chicken B cell line DT40: a novel tool for gene disruption experiments"</p> <p>JOURNAL OF IMMUNOLOGICAL METHODS, ELSEVIER SCIENCE PUBLISHERS B.V.,AMSTERDAM, NL, vol. 249, no. 1-2, 1 March 2001 (2001-03-01), pages 1-16, XP004317466 ISSN: 0022-1759</p>	1-11